

## **AMENDMENTS TO THE CLAIMS:**

Claims 1, 4, 11-15, 17, 20-22, 24-26, 31, 33, 34, 37, 38, and 41-44 are canceled without prejudice or disclaimer. Claims 45-62 are added. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-44 (Canceled).

Claim 45 (New). A process for producing a liquefied material, comprising liquefying a starch-containing material with at least one alpha-amylase and a maltogenic amylase to form the liquefied material.

Claim 46 (New). The process of claim 45, further comprising reducing the starch-containing material in size prior to liquefaction.

Claim 47 (New). The process of claim 46, wherein the starch-containing material is reduced in size by dry milling.

Claim 48 (New). The process of claim 45, wherein the liquefaction is carried out in three stages, comprising a first stage at a temperature in the range from 80 to 105°C, a second stage at a temperature in the range between 65 to 95°C, and a third stage at a temperature between 40-75°C.

Claim 49 (New). The process of claim 45, wherein the liquefaction is carried out in the presence of an esterase.

Claim 50 (New). The process of claim 49, wherein the esterase is a lipase, phospholipase, or a cutinase, or a combination thereof.

Claim 51 (New). The process of claim 45, wherein the starch-containing material is barley, corn, milo, or wheat.

Claim 52 (New). The process of claim 45, wherein the maltogenic amylase is derived from *Bacillus*.

Claim 53 (New). The process of claim 45, wherein the maltogenic amylase is derived from *Bacillus stearothermophilus*.

Claim 54 (New). A process for producing a fermentation product, comprising

- (a) reducing the size of a starch-containing material;
- (b) liquefying the product of step (a) by a process of claim 45 to form a liquefied material;
- (c) saccharifying the liquefied material with a carbohydrate-source generating enzyme to form a saccharified material; and
- (d) fermenting the saccharified material using a fermenting microorganism.

Claim 55 (New). The process of claim 54, wherein steps (c) and (d) are carried out as a simultaneous saccharification and fermentation step.

Claim 56 (New). The process of claim 54, wherein the carbohydrate-source generating enzyme is a glucoamylase.

Claim 57 (New). The process of claim 54, further comprising distilling the fermented material.

Claim 58 (New). The process of claim 54, wherein said fermenting microorganism is yeast.

Claim 59 (New). The process of claim 54, wherein the fermentation product is ethanol.

Claim 60 (New). The process of claim 54, wherein the liquefaction is carried out in the presence of an esterase.

Claim 61 (New). The process of claim 60, wherein the esterase is a lipase, phospholipase, or a cutinase, or a combination thereof.

Claim 62 (New). The process of claim 54, wherein the maltogenic amylase is derived from *Bacillus*.